



101 021 566

Coy C

PTO/SB/21 (05-03)

Approved for use through 04/30/2003. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

| | | |
|--|----------------------|--|
| TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i> | Application Number | 10/021,566 U.S. Pat. No. 6,896,489 |
| | Filing Date | December 12, Issued: May 24, 2005 |
| | First Named Inventor | Douglas G. Hunter et al. |
| | Art Unit | 3746 |
| | Examiner Name | Charles G. Freay |
| Total Number of Pages in This Submission | | Attorney Docket Number DKT 00147A (BWI-00061) |

ENCLOSURES (Check all that apply)

- Fee Transmittal Form
- Fee Attached
- Amendment/Reply
 - After Final
 - Affidavits/declaration(s)
- Extension of Time Request
- Express Abandonment Request
- Information Disclosure Statement
- Certified Copy of Priority Document(s)
- Response to Missing Parts/ Incomplete Application
- Response to Missing Parts under 37 CFR 1.52 or 1.53

- Drawing(s)
- Licensing-related Papers
- Petition
- Petition to Convert to a Provisional Application
- Power of Attorney, Revocation
- Change of Correspondence Address
- Terminal Disclaimer
- Request for Refund
- CD, Number of CD(s) _____

- After Allowance communication to Group
- Appeal Communication to Board of Appeals and Interferences
- Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
- Proprietary Information
- Status Letter
- Other Enclosure(s) (please identify below):
Letter Requesting Certificate of Correction; Certificate of Correction (2 Pages); Return Receipt Postcard

Remarks

Applicant believes no fee to be due for the attached filing, however, should additional fees be due in order to prevent the abandonment of this patent, please consider this as authorization to charge Deposit Account No. 501612 (Warn, Hoffmann, Miller & LaLone, P.C.) for any such fees due. A duplicate copy of this document is enclosed for this purpose.

Certificate

AUG 02 2006
of Correction

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

| | |
|-------------------------|---|
| Firm or Individual name | Warn, Hoffmann, Miller & LaLone, P.C. Philip R. Warn - Reg No. 32775 |
| Signature | |
| Date | July 26, 2006 |

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

| | | | |
|-----------------------|---------------------------------|------|---------------|
| Typed or printed name | Philip R. Warn - Reg. No. 32775 | | |
| Signature | | Date | July 26, 2006 |

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

AUG 2 2006



LAW OFFICES

WARN, HOFFMANN, MILLER & LALONE, P.C.

Intellectual Property Matters
PATENTS, TRADEMARKS AND COPYRIGHTS

Ronald P. Bell
Richard W. Hoffmann
Douglas P. LaLone
John A. Miller
Gregory L. Ozga
Peter J. Rashid
Scott P. Ryan
Philip R. Warn

691 North Squirrel Road – Suite 140
Auburn Hills, Michigan 48326

Telephone: (248) 364-4300
Facsimile: (248) 364-4285

www.warnhoffmann.com

July 26, 2006

Attention Certificate of Corrections Branch
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Re: U.S. Patent No. 6,896,489 B2 – Issued: May 24, 2005
Serial No. 10/021,566 - Filed: December 12, 2001
Inventor(s): Douglas G. Hunter & Albin J. Niemiec
Title: VARIABLE DISPLACEMENT VANE PUMP WITH VARIABLE
TARGET REGULATOR
BorgWarner Reference: DKT 00147A
Our File No. BWI-00061

Dear Sir:

We have reviewed the above-referenced patent and have found the following errors, which appear to require a Certificate of Correction:

Drawings,

Replacement drawings were submitted on November 15, 2004, but not used for the issued patent. Please replace with attached proper drawings.

Title Page,

Item [56], References Cited, FOREIGN PATENT DOCUMENTS, add

-- DE 38 40 909 6/1989
DE 39 25 249 3/1990
DE 42 42 871 6/1994
DE 101 41 786 3/2003
DE 44 44 819 6/1996
DE 101 44 693 3/2003 --.

Column 8,

Line 39, "passages 139 blind bore 132" should be --passages 139, blind bore 132--.

Column 11,

Line 40, Claim 3, "wherein said" should be --wherein the said--.

Hon. Commissioner of Patents & Trademarks
July 26, 2006
Page Two

Re: U.S. Patent No. 6,896,489
Issued: May 24, 2005

Column 11,
Line 51, Claim 7, "by seal" should be --by the seal--.

Column 12,
Line 32, Claim 19, "of said first" should be --of the first--.

Column 12,
Line 36, Claim 20, "in said slots" should be -- in the slots --.

Column 12,
Line 39, Claim 21, "comprises" should be -- comprising --.

Column 13,
Line 13, Claim 25, "fluid;" should be -- fluid circuit; --.

Column 13,
Line 14, Claim 25, "fluid chamber form d" should be -- fluid chamber formed --.

Column 15,
Line 33, Claim 31, "second;" should be -- second actuator; --.

Enclosed herewith is the U.S. Patent and Trademark Office Certificate of Correction form, which we request be approved for the above-referenced patent.

Applicant believes the errors listed above are Patent Office errors and, therefore, no fee is due for this Certificate of Correction. If, however, it is determined that a fee is necessary, the Commissioner is hereby authorized to charge any fees which may be required in connection with this patent to Deposit Account No. 501612 (Warn, Hoffmann, Miller & LaLone, P.C.). A duplicate copy of this letter is enclosed for this purpose.

Respectfully submitted,

WARN, HOFFMANN, MILLER & LALONE, P.C.
Attorneys for Applicant(s)

By:



Philip R. Warn
Reg. No. 32775

PRW:mlb
Enclosures

MR 2 6/26/06

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Page 1 of 2

PATENT NO. : 6,896,489

APPLICATION NO.: 10/021,566

ISSUE DATE : May 24, 2005

INVENTOR(S) : Douglas G. Hunter et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Drawings,

Replacement drawings were submitted on November 15, 2004, but not used for the issued patent. Please replace with attached proper drawings.

Title Page,

Item [56], References Cited, FOREIGN PATENT DOCUMENTS, add

| | |
|-----------------|------------|
| -- DE 38 40 909 | 6/1989 |
| DE 39 25 249 | 3/1990 |
| DE 42 42 871 | 6/1994 |
| DE 101 41 786 | 3/2003 |
| DE 44 44 819 | 6/1996 |
| DE 101 44 693 | 3/2003 --. |

Column 8,

Line 39, "passages 139 blind bore 132" should be --passages 139, blind bore 132--.

Column 11,

Line 40, Claim 3, "wherein said" should be --wherein the said--.

Column 11,

Line 51, Claim 7, "by seal" should be --by the seal--.

Column 12,

Line 32, Claim 19, "of said first" should be --of the first--.

Column 12,

Line 36, Claim 20, "in said slots" should be -- in the slots --.

MAILING ADDRESS OF SENDER (Please do not use customer number below):

Philip R. Warn, Esq.
 Warn, Hoffmann, Miller & LaLone, P.C.
 P.O. Box 70098
 Rochester Hills, MI 48307

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

1000

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTIONPage 2 of 2

PATENT NO. : 6,896,489

APPLICATION NO.: 10/021,566

ISSUE DATE : May 24, 2005

INVENTOR(S) : Douglas G. Hunter et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 12,
Line 39, Claim 21, "comprises" should be -- comprising --.

Column 13,
Line 13, Claim 25, "fluid;" should be -- fluid circuit; --.

Column 13,
Line 14, Claim 25, "fluid chamber form d" should be -- fluid chamber formed --.

Column 15,
Line 33, Claim 31, "second;" should be -- second actuator; --.

MAILING ADDRESS OF SENDER (Please do not use customer number below):

Philip R. Warn, Esq.
Warn, Hoffmann, Miller & LaLone, P.C.
P.O. Box 70098
Rochester Hills, MI 48307

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

APR 2 2005

Title: VARIABLE DISPLACEMENT VANE PUMP WITH VARIABLE TARGET REGULATOR

Inventor(s): Douglas G. Hunter, et al.

Attorney Docket No. DKT-00147A (BWI-00061)



(REPLACEMENT SHEET)

1/9

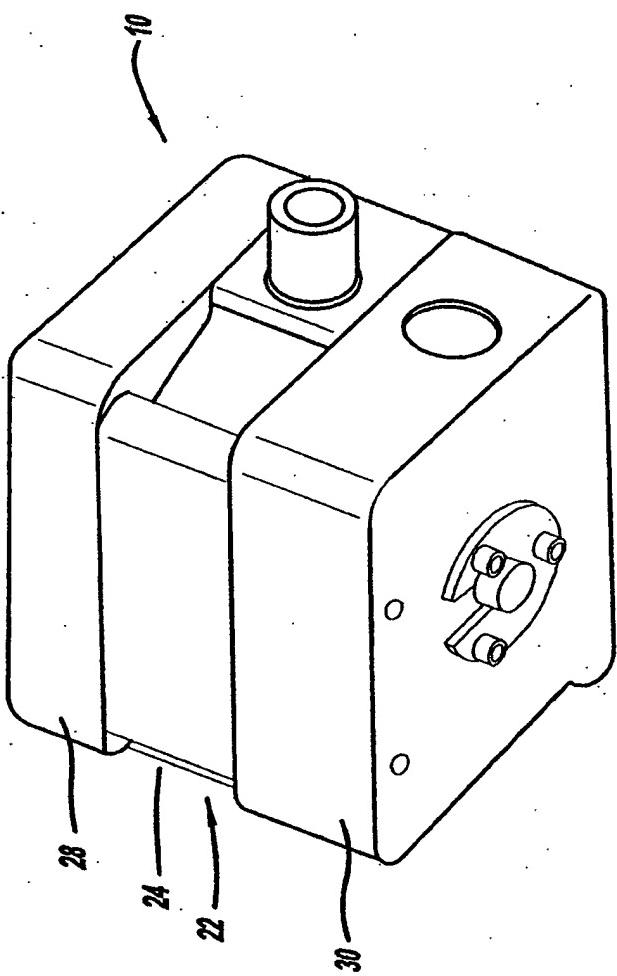


Figure 1

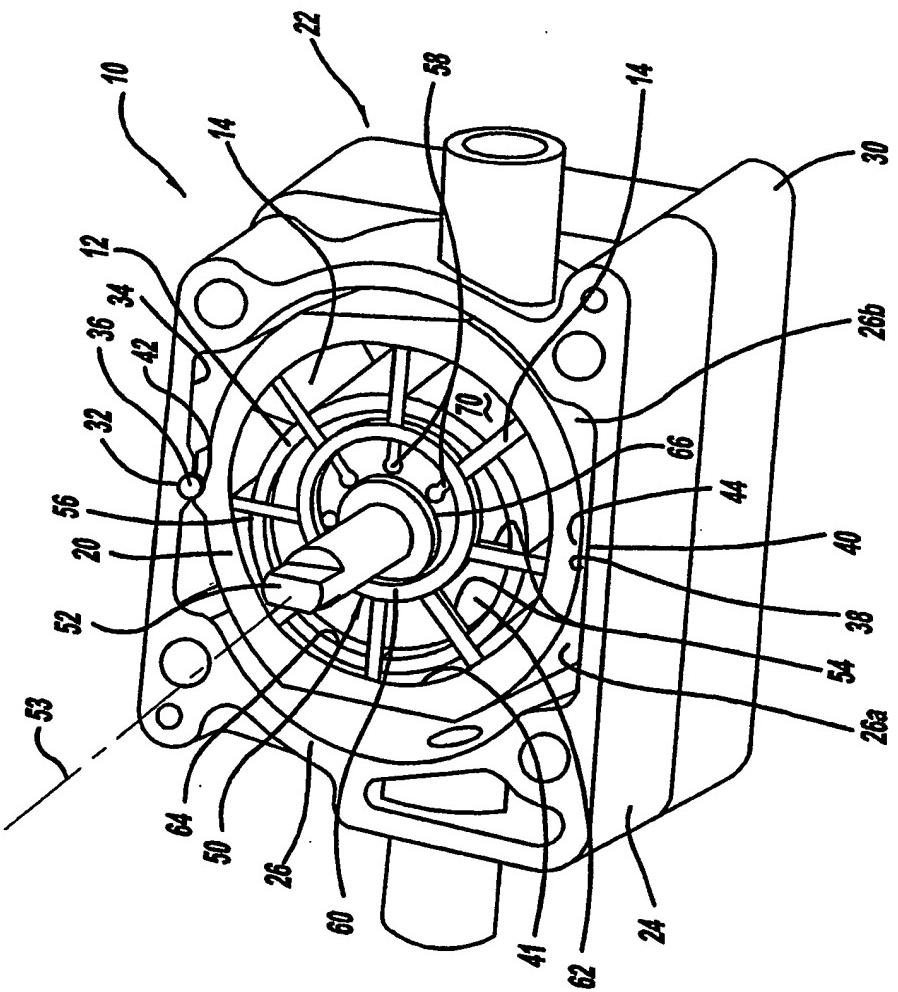
Title: VARIABLE DISPLACEMENT VANE PUMP WITH VARIABLE TARGET REGULATOR

Inventor(s): Douglas G. Hunter, et al.
Attorney Docket No. DKT-00147A (BWI-00061)

(REPLACEMENT SHEET)

2/9

Figure - 2



Title: VARIABLE DISPLACEMENT VANE PUMP WITH VARIABLE TARGET REGULATOR

Inventor(s): Douglas G. Hunter, et al.

Attorney Docket No. DKT-00147A (BWI-00061)

(REPLACEMENT SHEET)

3/9

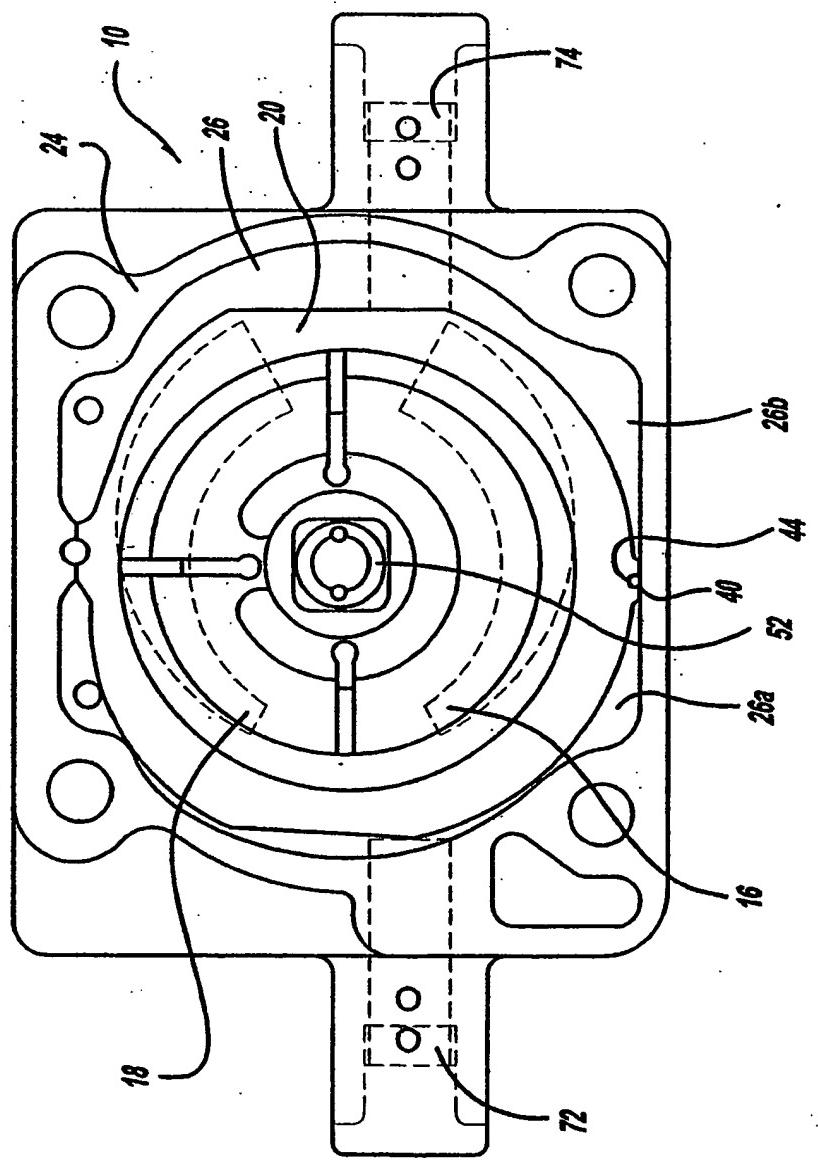


Figure - 3

AUG 2 4000

Title: VARIABLE DISPLACEMENT VANE PUMP WITH VARIABLE TARGET REGULATOR

Inventor(s): Douglas G. Hunter, et al.

Attorney Docket No. DKT-00147A (BWI-00061)

(REPLACEMENT SHEET)

4/9

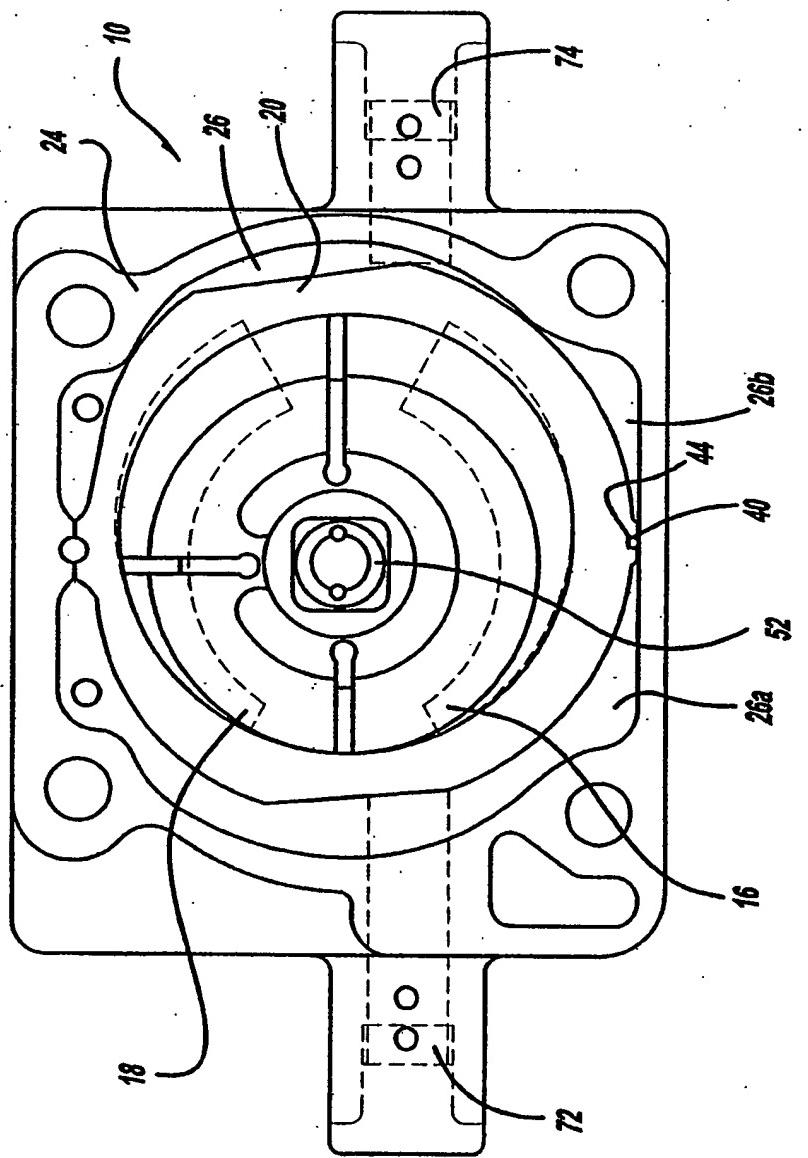


Figure -4

AUC 8/2007

Title: VARIABLE DISPLACEMENT VANE PUMP WITH VARIABLE TARGET REGULATOR

Inventor(s): Douglas G. Hunter, et al.

Attorney Docket No. DKT-00147A (BWI-00061)

(REPLACEMENT SHEET)

5/9

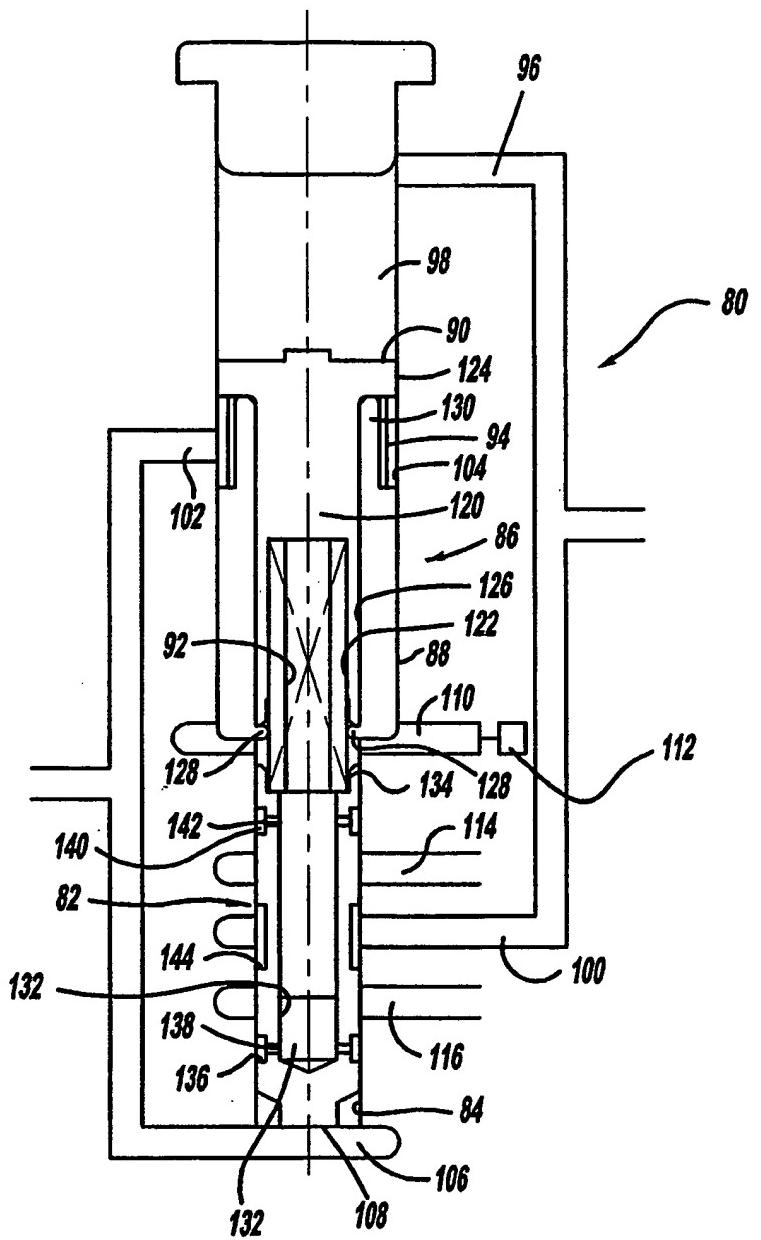


Figure - 5

APP C 22

Title: VARIABLE DISPLACEMENT VANE PUMP WITH VARIABLE TARGET REGULATOR

Inventor(s): Douglas G. Hunter, et al.

Attorney Docket No. DKT-00147A (BWI-00061)

(REPLACEMENT SHEET)

6/9

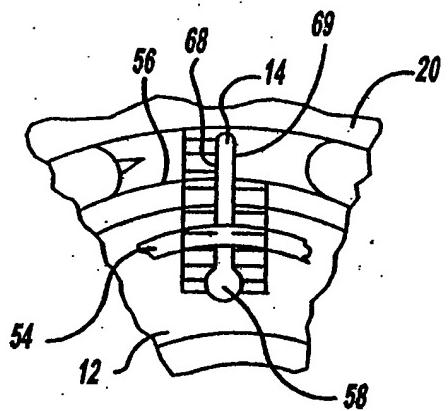


Figure - 6

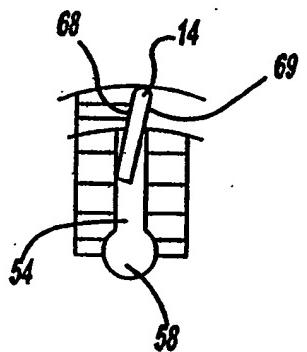


Figure - 7

Title: VARIABLE DISPLACEMENT VANE PUMP WITH VARIABLE TARGET REGULATOR

Inventor(s): Douglas G. Hunter, et al.

Attorney Docket No. DKT-00147A (BWI-00061)

(REPLACEMENT SHEET)

7/9

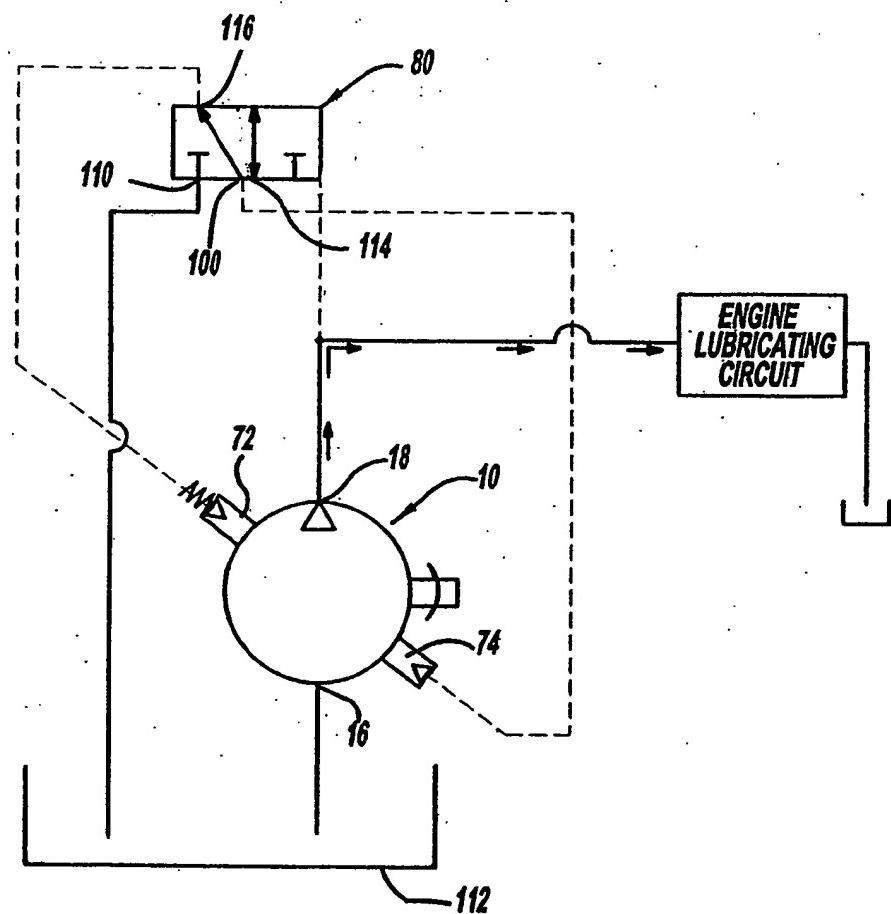


Figure - 8

Title: VARIABLE DISPLACEMENT VANE PUMP WITH VARIABLE TARGET REGULATOR

Inventor(s): Douglas G. Hunter, et al.

Attorney Docket No. DKT-00147A (BWI-00061)

(REPLACEMENT SHEET)

8/9

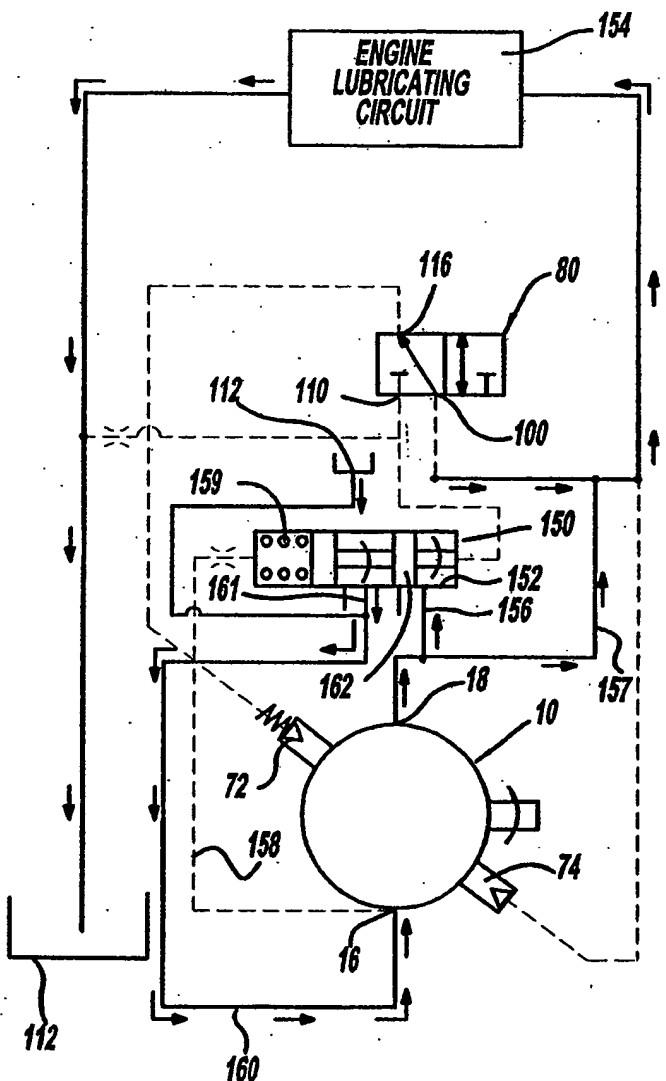


Figure - 9

Title: VARIABLE DISPLACEMENT VANE PUMP WITH VARIABLE TARGET REGULATOR

Inventor(s): Douglas G. Hunter, et al.

Attorney Docket No. DKT-00147A (BWI-00061)

(REPLACEMENT SHEET)

9/9

Figure - 10

